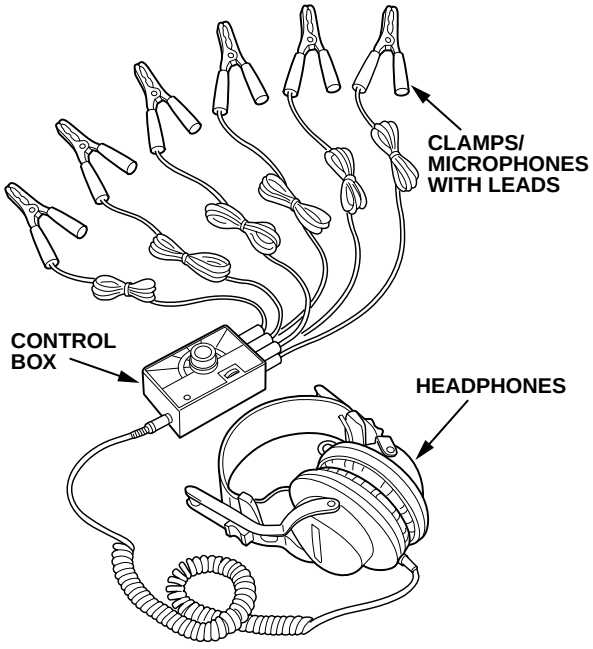
Steelman ChassisEAR™ Diagnostic Tool

A new required tool is being sent to all dealerships. The Steelman ChassisEAR™ is an electronic diagnostic tool designed to locate and isolate sounds in a vehicle during a test-drive. This can be very useful in locating the cause of body creaks, rattles, and squeaks.

The ChassisEAR kit contains:

- Six microphones built into clamps
- A control box (uses a 9-volt battery)
- Headphones
- Velcro straps and tie wraps
- Notepad
- Vinyl pouch
- Carrying case

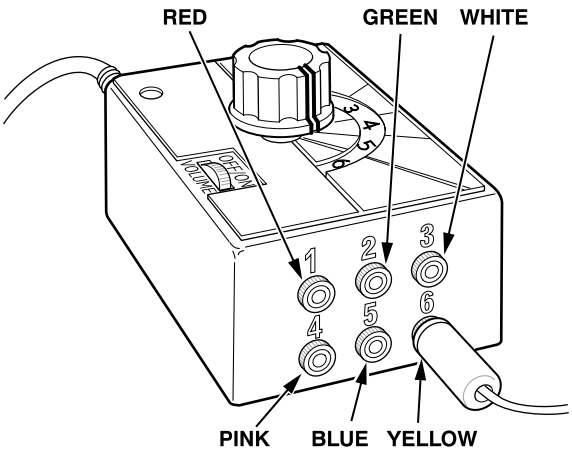


USING THE CHASSISEAR

By fastening the six microphones to different parts in the area you are troubleshooting, you can locate which part or parts are causing a noise.

For example, refer to Service Bulletin 99-084, *Rear Suspension Clunks*. The DIAGNOSIS is to test-drive the vehicle and isolate the clunk to either the left or right rear spring. To use the ChassisEAR to diagnose the noise:

1. Clamp one of the microphones to the left rear spring. Each microphone lead is color-coded to one of the colors on the control box.
2. Clamp another microphone to the right rear spring.
3. If desired, clamp other microphones to other parts of the rear suspension. This could help you isolate the problem if it is not a rear spring.
4. Record the location of each microphone, by color-code, on the note pad.
5. Route the microphone leads into the passenger compartment. Use the Velcro straps and tie wraps to anchor the leads. Do not route the leads near any moving parts or near the exhaust system.
6. Connect the microphone leads to the control box.



7. Connect the headphones to the control box. Have an assistant drive the vehicle as described in DIAGNOSIS while you listen to each microphone.

   NOTE: The ChassisEAR amplifies road noise and other normal sounds. Familiarize yourself with how these sounds are amplified so you are not misled.

ORDERING INFORMATION

One ChassisEAR kit was shipped to each current dealer as a required special tool. To order additional kits or replacement parts, contact the Honda Tool and Equipment Program at (888) 424-6857.

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CUSTOMER INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by "do-it-yourselfers," and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Honda automobile dealer.